AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1.   (Currently Amended) A system comprising:

~~configured to arrange end-to-end encryption between two or more pieces~~ a plurality of terminal equipment configured to communicate with one another using end-to-end encryption ~~communicating between with one another~~, where at least one of the plurality of terminal equipment functions as a special server terminal device configured to manage and distribute encryption applications and encryption parameters based on an established criterion to other pieces of the plurality of terminal equipment, where the encryption applications and encryption parameters are used during the end-to-end encryption, and
where each of said plurality of terminal equipment ~~comprising~~ comprises:

   a codec configured to convert an audio signal into a dataflow and vice versa, where the terminal equipment is configured to download the encryption applications and encryption parameters from said special terminal device via at least one interface, said terminal equipment further comprising

   a module configured to manage the download of the encryption applications and encryption parameters ~~stored in connection with the terminal equipment~~,

   an encryption key stream generator configured to generate a key stream segment with ~~the~~ said encryption parameters,

   a ~~module~~ processor configured to encrypt ~~a~~ the dataflow and decrypt the ~~encryption~~ encrypted dataflow with the generated key stream segment, wherein ~~a~~ the module is configured to synchronize the encrypted dataflow and to de-synchronize the synchronization~~, and~~

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at least one interface configured to receive the encryption parameters from the data communication network,

and wherein at least one of the pieces of terminal equipment is configured to function as a special server terminal device being configured to manage at least one of encryption and synchronization applications as well the encryption parameters concerning a data communication network and to distribute these based on an established criterion to the other pieces of terminal equipment, and wherein

the terminal equipment is configured to download said applications from said special terminal device and to manage said applications, where the terminal equipment comprises a

data memory configured to store the applications and

a processor and operating memory configured to execute the applications.

2.   (Previously Presented) A system according to claim 1, wherein the terminal equipment is configured to run applications of a java 2 platform micro edition specification with said processor.

3.   (Previously Presented) A system according to claim 2, wherein the terminal equipment is configured in accordance with a mobile information device profile specification.

4.   (Currently Amended) A system according to claim 1, wherein the downloading of the at least one of encryption and synchronization applications as well as and the encryption parameters at the terminal equipment is arranged to take place in a self-organizing manner with short data service messages.

5.   (Currently Amended) An apparatus, comprising at least functionalities, where:

a module processor is configured to carry out encryption,

one or more modules is configured to carry out synchronization,

a module is configured to receive and manage at least encryption keys, and

a module configured to download and manage at least one of encryption

~~and synchronization applications as well as encryption parameters~~ <u>where the apparatus is configured to download encryption applications and encryption parameters via at least one interface,</u>

wherein ~~a functionality~~ <u>at least one of said functionalities</u> ~~of the apparatus~~ to carry out end-to-end encrypted communication with another apparatus is implemented ~~by~~ <u>using</u> the ~~at least one of~~ encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> the encryption parameters ~~based on a program~~ <u>at a software level</u>.

6.   (Currently Amended) The apparatus according to claim 5, wherein said <u>encryption</u> ~~application is~~ <u>applications and the encryption parameters are</u> configured to arrange command functionality at least at an interface between a subscriber identity module and a terminal equipment through a mobile information device profile application protocol programming interface.

7.   (Currently Amended) A method, comprising:

receiving from a data communication network information comprising at least one of encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> encryption parameters~~, and~~ <u>comprising</u> at least one encryption key; and

executing the at least one of encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> the encryption parameters to control the operation of a terminal equipment in order to implement secure end-to-end data communication with another terminal equipment using the at least one encryption key.

8.   (Currently Amended) The method of claim 7, where the at least one of encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> the encryption parameters~~, and the at least one encryption key~~ are stored in a subscriber identity module on the terminal equipment, and the at least one of encryption ~~and synchronization~~ applications is executed to arrange command functionality between the subscriber identity module and the terminal equipment through a programming interface of the application.

9.   (Currently Amended) The method of claim 7, wherein receiving the at least one of encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> the encryption parameters is arranged to take place in a self-organizing manner with short data service messages.

10.   (Previously Presented) The method of claim 7 implemented in a wireless terminal equipment.

11.   (Currently Amended) A method, comprising:
managing at least one of encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> encryption parameters concerning a data communication network; and
distributing the at least one of encryption ~~and synchronization~~ applications ~~as well as~~ <u>and</u> the encryption parameters based on an established criterion to pieces of terminal equipment.